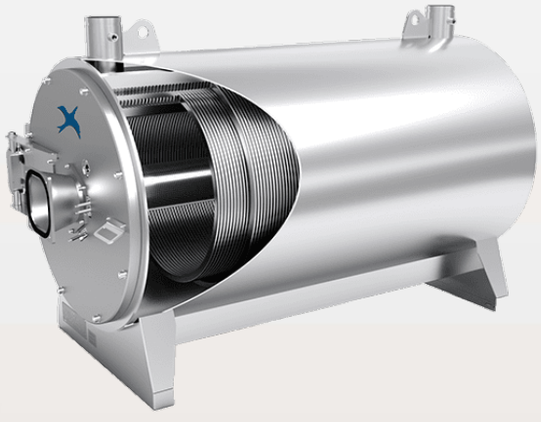
SIMONS UNIMAX

NEXT GENERATION STAINLESS STEEL HIGH EFFICIENCY CONDENSING HEATER



- 316L stainless steel
- High efficiency up to 108%
- Small footprint
- Environmentally friendly
- Cascade up to 16 boilers
- Up to 8:1 modulation ratio
- Low flue gas temperature
- MODBUS BMS interface
- Optional weatherproofing
- Hinged door for easy service access

European quality floor standing condensing boiler with high-tech 316L stainless steel heat exchanger and premix burner

SIMONS BOILERS

Exclusive Australian distributors for Gassero

Gassero

Technology for your comfort

SIMONS UNIMAX HWHs

MODEL		210	250	335	430	530	660	1030	1330	1540
GENERAL INFORMATION										
Nominal Output (80-60)°C high fire	kW	199	238	315	410	506	631	986	1264	1463
Nominal Output (80-60)°C low fire	kW	25	25	42	42	59	73	108	111	137
Nominal Output (50-30)°C high fire	kW	221	262	352	451	556	694	1083	1397	1618
Nominal Output (50-30)°C low fire	kW	26	26	45	45	64	78	111	116	142
Working pressure min -- max	kPa	80 -- 600								
Maximum working temperature	°C	90								
Hi limit temperature	°C	95								
Flow at 20°C Temp rise at max 80/60c	L/s	2.53	3.01	4.03	5.2	6.38	8.03	12.4	15.75	18.54
Pressure drop at 20°C Temperature rise	kPa	11.9	12.4	13.1	13.8	15.9	16.2	20.6	22.4	25.8
Combustion and Efficiency										
Nominal gas consumption - Natural Gas	MJ/hr	738	882	1168	1520	1876	2339	3655	4686	5425
Sound Power Level	dBa	57	59	56	60	64	64	69	67	67
Gas Pressure min	kPa	2								
Gas Pressure max	kPa	4								
Nett Efficiency at high fire (80-60)°C	%	97.4	97.2	97.4	97.3	97.4	97.4	97.5	97.6	97
Nett Efficiency at high fire (50-30)°C	%	107.5	107.5	107.9	108.1	108.1	108.1	108	108.1	107
Flue gas temperature (80-60)°C	°C	68.3	73.1	67.5	74.3	67.3	73.1	66.6	66.1	73
Flue gas temperature (50-30)°C	°C	40.6	42.6	40.6	46.6	41.5	47.7	38.7	36.3	47
NOx class		6								
Electric										
Main supply 50Hz	PH/AMPS	1/2.6	1/3.1	1/3.5	1/4.8	1/6.5	3/4.8	3/4.9	3/5.5	3/5.5
Connections										
Boiler water outlet	Ø-mm	50	50	65	65	65	65	100	125	125
Boiler water inlet	Ø-mm	50	50	65	65	65	65	100	125	125
Boiler gas inlet	Ø-mm	32	32	50	50	50	50	65	65	65
Condensation drainage	Ø-mm	25	25	25	25	25	25	25	25	25
Air inlet connection	Ø-mm	100	100	200	200	200	200	200	200	200
Flue diameter	Ø-mm	200	200	200	200	200	200	300	300	300
Dimensions - length	mm	1160	1160	1520	1520	1846	1846	2080	2490	2540
Dimensions - width	mm	725	725	960	960	960	960	1184	1184	1220
Dimensions - height	mm	950	950	1072	1072	1072	1072	1385	1385	1720
Weight dry	kg	295	356	451	492	547	656	760	960	1220
Water content	LT	70	82	88	122	152	170	196	245	290

Subject to change without notice

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